Ontario

Ministry of Natural Resources

Hon. Alan W. Pope
Minister

John R. Sloan
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

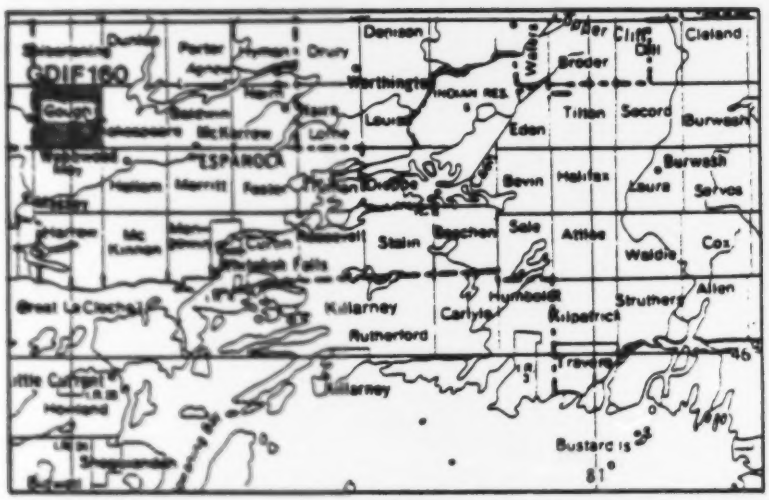
GEOLOGICAL DATA INVENTORY FOLIO

GDIF 160

GOUGH TOWNSHIP

DISTRICT OF SUDBURY

Compiled by the Staff of
the Resident Geologist's Office
Sudbury



LOCATION MAP

Scale 1:1 013 760 or 1 inch to 16 miles

83-63967

NTS Number 41 I/5, 41 J/8

Mining Claim Map Number M890

This project was funded by the Ontario Ministry of Northern Affairs through the Northern Ontario Geological Survey (NOGS) Program.

STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey
1984: Gough Township,Sudbury District,Ontario Geological Survey,Geological Data Inventory Folio 160,compiled by the staff of the Resident Geologist's office,Sudbury, 16 p. and 2 maps.

Original Compilation by: Charette, Michael
Ceti, Adelmo
Linton, Barbara

Date	Page Revised	Revised by

Date	Page Revised	Revised by

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ACCOMPANYING MAPS

Property Location Map - 1

Exploration Data Map - 1

Map Scale 1: 31 680 or 1 inch to ½ mile

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
			LENGTH		
1 mm	0.039 37	inches	1 inch	**25.4**	mm
1 cm	0.393 70	inches	1 inch	**2.54**	cm
1 m	3.280 84	feet	1 foot	**0.304 8**	m
1 m	0.049 709 7	chains	1 chain	**20.116 8**	m
1 km	0.621 371	miles (statute)	1 mile (statute)	**1.609 344**	km
			AREA		
1 cm²	0.155 0	square inches	1 square inch	**6.451 6**	cm²
1 m²	10.763 9	square feet	1 square foot	**0.092 903 04**	m²
1 km²	0.386 10	square miles	1 square mile	**2.589 988**	km²
1 ha	2.471 054	acres	1 acre	**0.404 685 6**	ha
			VOLUME		
1 cm³	0.061 02	cubic inches	1 cubic inch	**16.387 064**	cm³
1 m³	35.314 7	cubic feet	1 cubic foot	**0.028 316 85**	m³
1 m³	1.308 0	cubic yards	1 cubic yard	**0.764 555**	m³
			CAPACITY		
1 L	1.759 755	pints	1 pint	**0.568 261**	L
1 L	0.879 877	quarts	1 quart	**1.136 522**	L
1 L	0.219 969	gallons	1 gallon	**4.546 090**	L
			MASS		
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	**28.349 523**	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	**31.103 476 8**	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	**0.453 592 37**	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	**907.184 74**	kg
1 t	1.102 311	tons (short)	1 ton (short)	**0.907 184 74**	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	**1016.046 908 8**	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	**1.016 046 908 8**	t
			CONCENTRATION		
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	**34.285 714 2**	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	**1.714 285 7**	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy)/ton (short)	20.0	pennyweights/ton (short)
1 pennyweight/ton (short)	0.05	ounce (troy)/ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

	SOURCES OF DATA	Data	Initial
1	Resident Geologist's Office Files	Yes	A.C.
2	Assessment Files Research Office, Toronto	N.A.	A.C.
3	ODM General Index; 7 volumes	Yes	M.C.
4	Catalogue of Airborne Geophysical Surveys (ODM)	No	A.C.
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	Yes	M.C.
6	ODM Industrial Mineral Reports	No	A.C.
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	N.A.	M.C.
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	Yes	M.C.
9	Newspaper Clippings File	Yes	A.C.
10	GSC Index to Publications	Yes	A.C.
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	Yes	A.C.
12	OGS Index Maps	Yes	A.C.
13	Source Mineral Deposit Records (O.G.S.) Mineral Occurrences File	Yes	A.C.
14	Author - Subject Articles File	Yes	A.C.
15	Miscellaneous Papers: ODM & OGS	Yes	A.C.
16	ODM Geological Circulars: OGS Study Series , Reports	Yes	A.C.
17	ODM Preliminary Reports: ODM Bulletins	No	A.C.
18	ODM – OGS Open File Reports	Yes	M.C.
19	OGS Northern Ontario Engineering Geology Terrain Studies	Yes	A.C.
20	OGS Aggregate Resources Inventory Papers	N.A.	A.C.
21	OGS Mineral Potential Maps	Yes	A.C.
22	Theses on File, Sudbury	Yes	A.C.
23	Aerial Photographs on File, Sudbury	Yes	A.C.

METALS AND MINERALS REFERENCES LIST

- △ anh. . . . . .Anhydrite
- △ ank. . . . . .Ankerite
- △ anna . . . . . Annabergite
- △ ap. . . . . .Apatite
- △ arg . . . . . Argentite
- △ As . . . . . .Arsenic
- △ asp . . . . . .Arsenopyrite
- △ asb . . . . . .Asbestos
- △ ba. . . . . .Barite
- △ be. . . . . .Beryl
- △ Bi. . . . . .Bismuth
- △ bn . . . . . .Bornite
- △ bran . . . . . .Brannerite
- △ bruc . . . . . .Brucite
- △ Cd . . . . . .Cadmium
- △ calc. . . . . .Calcite
- △ carb . . . . . .Carbonate
- △ cel . . . . . .Celestite
- △ cc. . . . . .Chalcocite
- ▲ cp. . . . . .Chalcopyrite
- △ ch. . . . . .Chert
- △ clay . . . . . .Clay
- △ Co . . . . . .Cobalt
- △ cob. . . . . .Cobaltite
- △ cb. . . . . .Columbite
- △ Cu . . . . . .Copper
- △ cor . . . . . .Corundum
- △ dol . . . . . .Dolomite
- △ ep. . . . . .Epidote
- △ ery . . . . . .Erythrite
- △ fel . . . . . .Feldspar
- △ fl . . . . . .Fluorite (fluorspar)
- △ fu. . . . . .Fuchcite
- △ gn. . . . . .Galena
- △ gt. . . . . .Garnet
- △ goe. . . . . .Goethite
- △ Au . . . . . .Gold
- △ gf. . . . . .Graphite
- △ gl . . . . . .Gravel
- △ gyp. . . . . .Gypsum
- △ hem . . . . . .Hematite
- △ il . . . . . .Ilmenite
- △ Fe . . . . . .Iron
- △ IF. . . . . .Iron Formation
- △ jas . . . . . .Jasper
- △ kaol . . . . . .Kaolinite (kaolin)
- △ ky . . . . . .Kyanite
- △ Pb . . . . . .Lead
- △ lim . . . . . .Limonite
- △ Li. . . . . .Lithium
- △ mgst . . . . . .Magnesite
- △ mag . . . . . .Magnetite
- △ mc . . . . . .Malachite
- △ Mn . . . . . .Manganese
- △ mb . . . . . .Marble
- △ mar. . . . . .Marcasite
- △ ma . . . . . .Marl
- △ mi . . . . . .Mica
- △ ml . . . . . .Millerite
- △ mo . . . . . .Molybdenite
- △ Mo . . . . . .Molybdenum
- △ mon . . . . . .Monazite
- △ ne. . . . . .Nepheline (nepheline)
- △ nc. . . . . .Niccolite
- △ Ni. . . . . .Nickel
- △ Nb . . . . . .Niobium
- △ Pd . . . . . .Palladium
- △ peat . . . . . .Peat
- △ pent . . . . . .Pentlandite
- △ Pt. . . . . .Platinum
- ▲ py . . . . . .Pyrite
- △ pyl . . . . . .Pyrochlore
- △ pyrl . . . . . .Pyrolusite
- △ po . . . . . .Pyrrhotite
- △ q . . . . . .Quartz
- △ qcv. . . . .Quartz carbonate vein
- △ ra. . . . . .Radioactive minerals
- △ RE . . . . . .Rare Earths
- △ sd. . . . . .Sand
- △ sgl . . . . . .Sand and gravel
- △ ss . . . . . .Sandstone
- △ scap . . . . . .Scapolite
- △ shee . . . . . .Scheelite
- △ serp . . . . . .Serpentine
- △ sh. . . . . .Shale
- △ sid . . . . . .Siderite
- △ si . . . . . .Silica
- △ Ag . . . . . .Silver
- △ sl . . . . . .Slate
- △ sm . . . . . .Smaltite
- △ sod. . . . . .Sodalite
- △ spec . . . . . .Specularite
- △ sp. . . . . .Sphalerite
- △ spd. . . . . .Spodumene
- △ staur. . . . . .Staurolite
- △ stib. . . . . .Stibnite
- △ st . . . . . .Stone
- △ talc. . . . . .Talc
- △ Te . . . . . .Tellurium
- △ td. . . . . .Tetrahedrite
- △ th. . . . . .Thorite
- △ Th . . . . . .Thorium
- △ thuc . . . . . .Thucholite
- △ ti . . . . . .Titanite
- △ Ti. . . . . .Titanium
- △ tour . . . . . .Tourmaline
- △ trap . . . . . .Trap rock
- △ W. . . . . .Tungsten
- △ uran . . . . . .Uraninite
- ▲ U. . . . . .Uranium
- △ verm . . . . . .Vermiculite
- △ Y. . . . . .Yttrium
- △ Zn . . . . . .Zinc
- △ zr. . . . . .Zircon

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

COUGH TOWNSHIP

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
A	Lot 1, Con.I	cp,py	350	MRC12, p.276	Map P.105
B	Lot 5, 6, Con.I	U	U 1	-	Northern Miner, Jan.9, 1969 Thomson, Jas. E., GR1, 1960 p.25-26

GDIF FORM NO. 1

GOUGH TOWNSHIP

TYPE OF WORK		Numbers below represent the year in which the work was done, e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE SUDBURY COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
1	ALEXANDER, T. (MONCRIEFF URANIUM MINES LTD.)				69															
2	HOULE, L.				64															
3	KERR ADDISON MINES LTD.	77						77						77*						
4	PROSCO LTD.	57						57												
5	TINTINA SILVER MINES LTD.				79															

* No Anomaly

GDIF FORM NO. 2

GOUGH TOWNSHIP

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth DEGREES	*Initial Dip of Hole DEGREES	Thickness of Overburden FEET	Total Length of Hole FEET	Mineralization Noted in Log	Assay Data Included for
1	ALEXANDER , T. (MONCRIEFF URANIUM MINES	Mu 13	1969	315	0	0	285	po,cp	-
2	HOULE, L.	No.1	1964	190	65	0	102	q	-
3		No.2	1964	320	60	0	133	q	-
4	TINTINA SILVER MINES	No.1	1979	045	45	0	116	q	-
4a		No.2	1979	-	90	0	137	q	-

GDIF FORM NO. 3

GOUGH TOWNSHIP

AIRBORNE GEOPHYSICAL SURVEY DATA

No.	By For	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing

GDIF FORM NO. 4

GOUGH TOWNSHIP

Map Sample Site Reference Number	GEOCHEMICAL SURVEY DATA		By	Reference
	Type of Survey	Analysis For		

GDIF FORM NO. 5

MISCELLANEOUS DATA

AGE DATING

Site	Method	Material	Reference	Result

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office.

Northern Miner

- McIntyre Porcupine - Sept. 28/67 (U)
- Moncrieff Uranium Mines - Jan.9/69
- Nickel Rim Mines - Jan.9/69
- Pax International Mines - Sept.28/67
- Phelps Dodge Corp. of Canada - Jan.9/69
- McIntyre Porcupine - Nov.16/67 (Cu)

ODM GENERAL INDEX SEARCH

Words searched:

BIRCH LAKE
GOUGH LAKE
GOUGH TOWNSHIP
MAY TOWNSHIP
SHAKESPEARE TOWNSHIP

Index Volume	Listing:	Report Volume	Part	Page
7	GOUGH LAKE, Gough Twp. Granite	GR5	1	19
7	BIRCH LAKE GRANITE	GR1	1	6
7	MAY TWP.	GR1	1	25
7	SHAKESPEARE TWP.	GR1	1	25,37

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page

GDIF FORM NO. 8

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		REGIONAL GEOLOGICAL COMPILATION MAPS		
Card, K. D.	1971	Panache Lake Area, West Part	O.D.M. Map P.668	1"=1 mile
	1978	Sudbury-Manitoulin Area	O.G.S. Map 2360	1"=2 miles
Card, K. D. & Lumbers, S.B.	1974,75	Sudbury-Cobalt	O.G.S. Map 2361	1"=4 miles
O.G.S. & Mineral Resources Branch	1982	Mineral Potential Map East Central Sheet	OFR5328 Map 2393	1"=16 miles
		Aeromagnetic Compilation Map, East Central Sheet	O.D.M.-G.S.C. P.578, P.800	1"=16 miles
		Ontario Geological Map, East Central Sheet	Map P.2198	1"=16 miles
Thomson, J. E.	1961,68	Espanola Sheet	O.D.M. Map P.105	1"=2 miles
		GEOPHYSICAL MAPS		
Gupta, V. K.	1981	Bouguer Gravity and Generalized Geological Map, Sudbury-Onaping Lake Area	O.G.S. Map P.2482	1:100,000
O.D.M.-G.S.C.		Aeromagnetic Maps		
	1965	Espanola	1523G	1"=1 mile
	1965	Whiskey Lake	2256G	1"=1 mile
O.D.M.-G.S.C.	1965	Sudbury, Ontario	7067G	1"=4 miles
	1965	Elliot Lake, Ont.	7068G	1"=4 miles
O.G.S.	1976	Uranium Reconnaissance Program Airborne Gamma Ray Spectrometer Survey. Geophysical Series	Map P.1610	1:250,000

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		SURFICIAL, PLEISTOCENE, TERRAIN ENGINEERING		
Dep't of Energy, Surveys & Mapping Branch	1975	Topographic Map, Whiskey Lake		1:50,000
Gartner, J. F.	1978	N.O.E.G.T.S. Data Base Map, Espanola	O.G.S. Map 5002	1:100,000
	1980	N.O.E.G.T.S. Espanola Area	Study 99	
Van Dine, D. F.	1979	N.O.E.G.T.S. Data Base Map, Blind River Area	O.G.S. Map 5008	1:100,000
	1980	N.O.E.G.T.S. Blind River Area	Study 98	
		MINERAL POTENTIAL MAPS		
Springer, J.	1977	Ontario Mineral Potential, Southern Part of Sudbury Sheet	O.G.S. Map P.1511	1:250,000
	1977	Ontario Mineral Potential Blind River & Part of Sault Ste. Marie Sheet	O.G.S. Map P.1513	1:250,000
		GEOCHEMICAL		
		No Data Available, Mar.13, 1984		
		GEOLOGICAL REPORTS AND MAPS		
Card, K. D.	1975	Geology of the Panache Lake Area, Dist. of Sudbury and Manitoulin	O.F.R.5123	
	1978	Sudbury-Manitoulin Area, Districts of Sudbury and Manitoulin	O.D.M. GR166 O.D.M. Map 2360	1"=2 miles
Card, K. D., Innes, D. G. and Debicki, R. L.	1974	Stratigraphy, Sedimentology, Huronian Supergroup of Sudbury-Espanola	O.F.R.5107	

GDIF FORM NO.3

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Kindle, E. D.	1936	Gold Occurrences of Ontario East of Lake Superior	G.S.C. Mem.192	
O.G.S. & Mineral Resources Branch	1982	Mineral Potential Map of Ontario Southern Sheet	O.F.R.5328	
		Magnetic Compilation Map		1"=16 miles
		Geological Compilation Map 2197		1"=16 miles
				1"=16 miles
Robertson, J, A.	1974	A Review of Recently Acquired Geological Data Blind River-Elliot Lake Area	MP45	
	1976	The Blind River Uranium Deposits The Ores and Their Setting	MP65	
	1968	Uranium and Thorium Deposits of Northern Ontario	O.D.M. MRC9	
Roscoe, S. M.	1969	Huronian Rocks and Uraniferous Conglomerates	G.S.C. Paper 68-40	205p.
Shklanka, R.	1969	Copper, Nickel, Zinc and Lead Deposits of Ontario	MRC12	pp.276
Thompson, J. E.	1960	Uranium Thorium Deposits at the Base of the Huronian System in the District of Sudbury	O.D.M. GR1	

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Yundt, S. E., et al	1983	Industrial Minerals of Ontario	O.G.S. Map P.2591	1:50,000
		JOURNAL ARTICLES, THESES, TECHNICAL REPORTS		
Bain, G.W.	1927	Geology and Problems of the Webbwood Area, Canada. Ph.D. Col.	MP2	p.8
Card, K. D.	1959	The Uranium Bearing Huronian Sediments of the Sudbury District. B.Sc. Queen's	MP2	p.12
Hadley, D. C.	1968	The Sedimentology of the Huronian Lorrain Formation Ontario and Quebec. Ph.D. J.H.U	Sudbury Theses File	
Lang, A. H. et al	1962	Canadian Deposits of Uranium and Thorium	G.S.C. Econ. Geol. Series 16 (2nd Ed.)	
Quirke, T. T.	1915	Geology of Espanola District, Ontario. Ph.D., UC.	MP2	p.38
Siemiatkowska, K. M.	1970	Bibliography of Huronian Geology Covering the Region from Sault Ste. Marie to the Grenville Front	Sudbury Theses File	
Wright, J. D.	1935	The Age of Some Granite Batholiths North of Lake Huron and the Genetic Relations of the Arsenical Gold Ores to the Keweenawan Granites. Ph.D.,U.T.	MP2	p.48

NOTES AND ADDENDA

Aerial Photographs Index

Scale 1"=¼ mile

Year	Roll	Line	Numbers
59	12	4614	126,127,128
	59	4613	124
	59	4612	79,80,81,82,83
46	15	164	5,6,7
	17	163	4,5,6

GDIF FORM NO.30

Ministry of Natural Resources

Ontario

ONTARIO GEOLOGICAL SU

PROPERTY LOCATION

GEOLOGICAL DATA INVENTOR

(Map 1 of 2

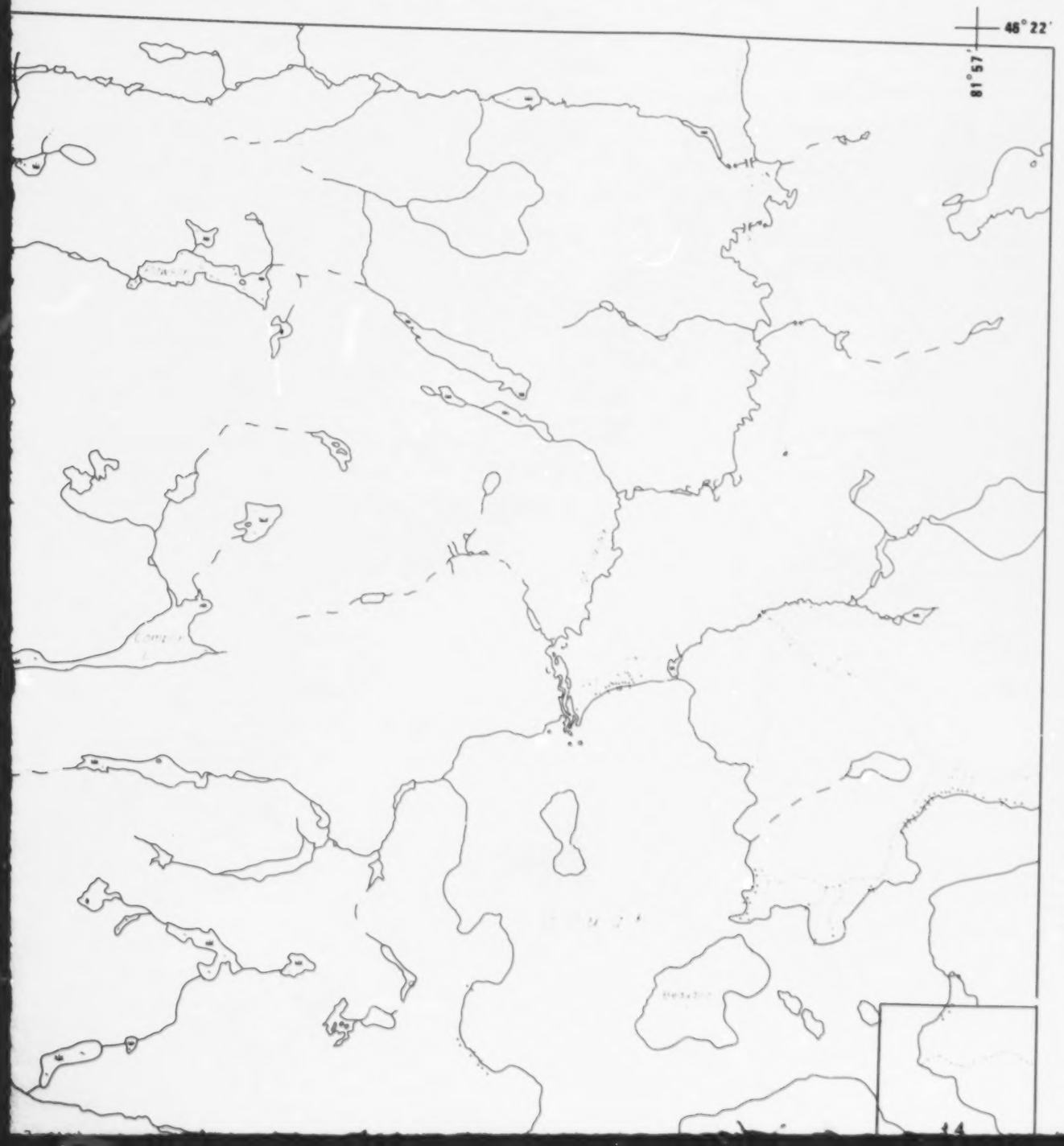
GOUGH TOW

DISTRICT OF SUDBU

Scale 1:31 680

Mile 0.5 0 0.5

Kilometre 0.5 0 0.5



Ministry of Natural Resources
Ontario

Hon. Alan W. Pope
Minister

John R. Sloan
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 160

(Map 1 of 2)

GOUGH TOWNSHIP

DISTRICT OF SUDBURY

Scale 1:31 680

Mile 0.5 0 0.5 1 Mile

Kilometre 0.5 0 0.5 1 Kilometre

GOUGH TO

DISTRICT OF SU

Scale 1:31 6

Mile 0.5 0

Kilometre 0.5 0

82°04'

46°17'

81°57'

46°17'

4

2

4

1

5

3

EXPLORATION DAT

Reference number is alwa
See listing in text pages.

Small area of exploration.

GOUGH TOWNSHIP

DISTRICT OF SUDBURY

Scale 1:31 680

Mile 0.5 0 0.5 1 Mile

Kilometre 0.5 0 0.5 1 Kilometre

EXPLORATION DATA FILE AREAS

Reference number is always inside work area outlined.
See listing in text pages.

Small area of exploration.

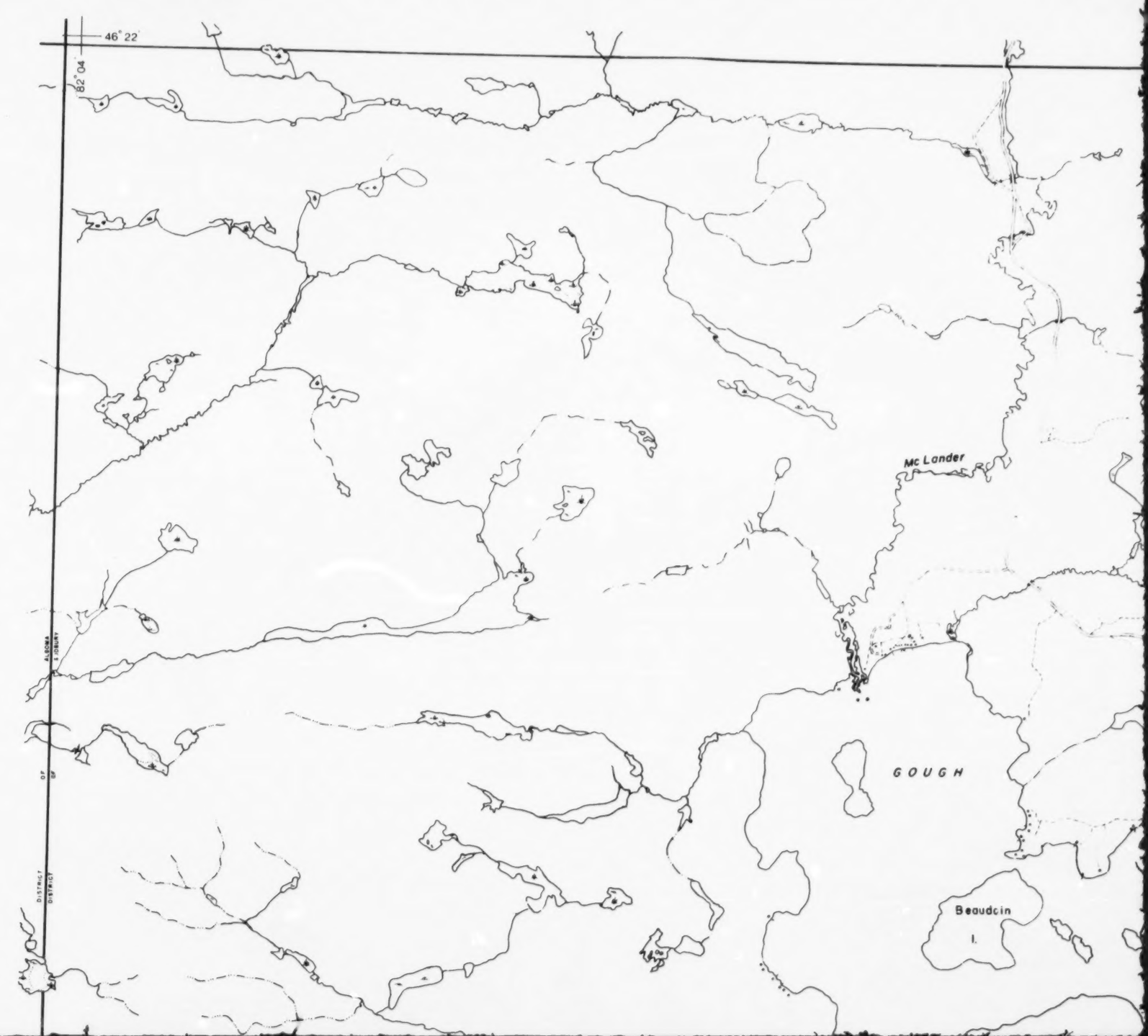
TYPES OF DATA SHOWN ON THIS MAP

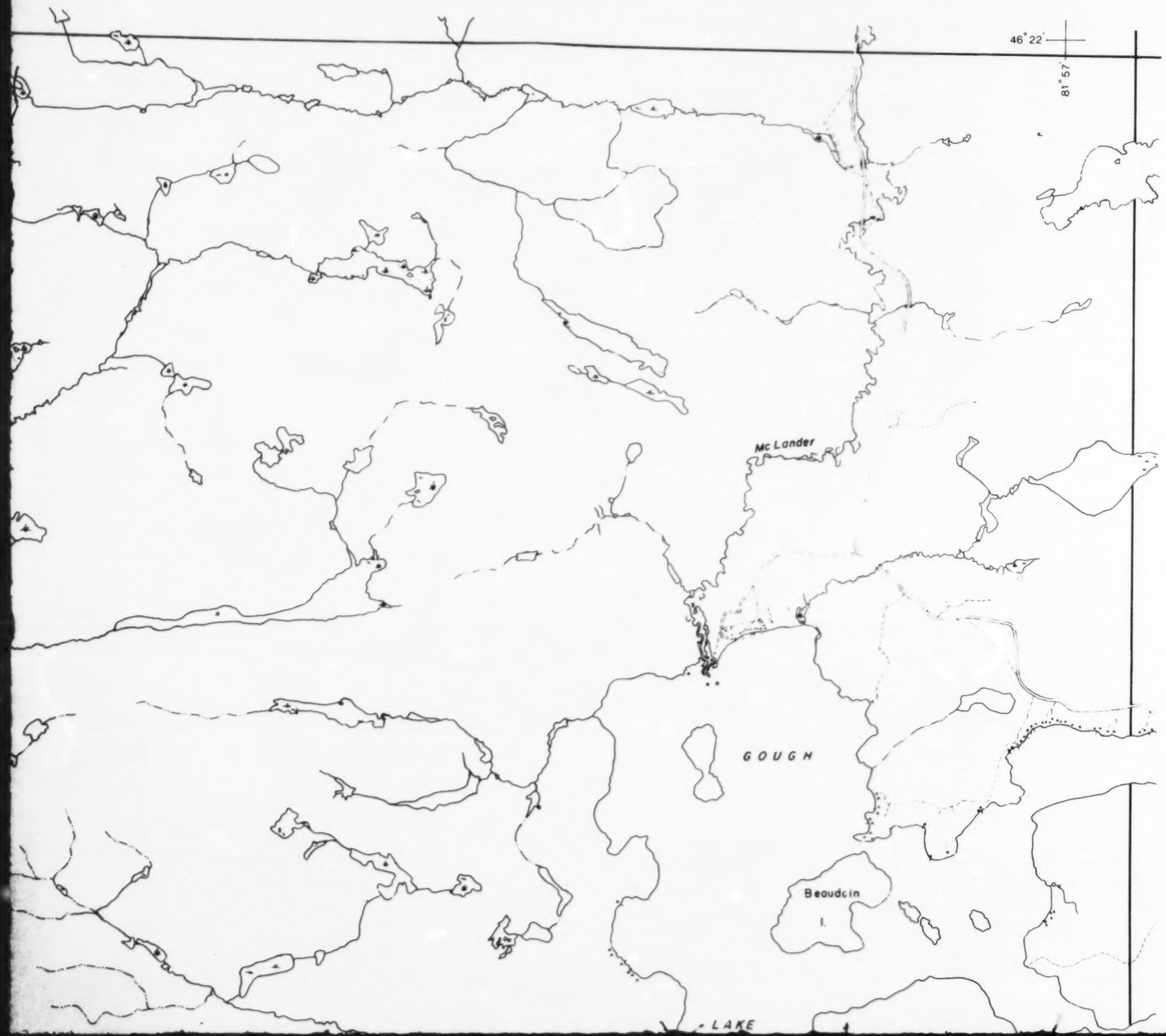
GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

- Geochemical sample site, with reference number
- Area of geochemical sampling, with reference number
- Age dating material sampling site, with reference number
- GC — **Geochemical Anomaly**

GEOPHYSICAL ANOMALIES

- AM — Airborne Magnetometer Anomaly
- Airborne Electromagnetometer Anomaly
  Length of anomaly along flight line
- Airborne Electromagnetometer Anomaly.
  Location of anomaly along flight line
- Airborne Electromagnetometer Anomaly
  Conductor Axis: definite, probable, possible
- ARA — Airborne Radiometric Anomaly
- M — Ground Magnetometer Anomaly
- VL — Ground Electromagnetometer Anomaly
  (VL - Vertical Loop; HL - Horizontal Loop;
  VLF - Very low freq; Turam; JEM -
  Crone EM-16; L - Long Wire)
- RA — Ground Radiometric Anomaly
- IP — Induced Polarization Anomaly
- SP — Self Potential Anomaly
- AFMAG — Audio-frequency magnetometer anomaly
  (total intensity)
- R — Resistivity Anomaly
- GR — Gravity Anomaly





Ontario

Ministry of Natural Resources

Hon. Alan W. Pope
Minister

John R. Sloan
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 160

(Map **2** of **2**)

GOUGH TOWNSHIP

DISTRICT OF SUDBURY

Scale 1:31 680

Mile 0.5 0 0.5 1 Mile

Kilometre 0.5 0 0.5 1 Kilometre

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- ☒ cp A. — Mineral occurrence at surface, with reference letter
- ☐ Au A. 84' — Mineral occurrence with shaft, depth given with reference letter
- ☒ Ag ? A. — Mineral occurrence reported but exact location uncertain, with reference letter
- ☐ cp A. — Mineralized Float with reference letter
- ☐ ☐

DRILL HOLES

- ☒ ●2 — Location of single drill hole, with reference number
- ☒ ◉2 — Location of closely spaced group of drill holes, with reference number

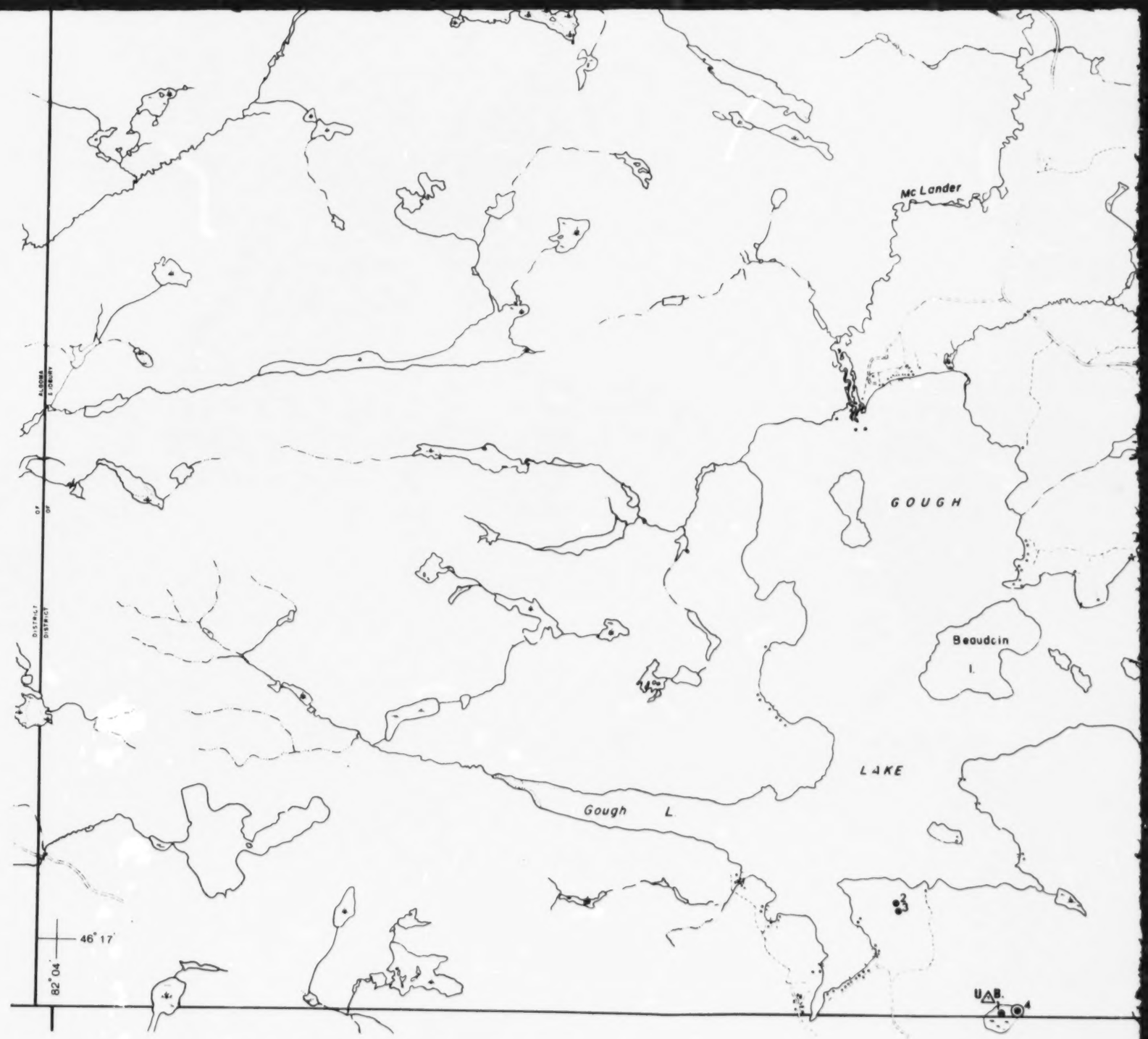
GEOPHYSICAL ANOMALIES

- ☐ AM — Airborne Magnetometer Anomaly
- ☐ Airborne Electromagnetometer Anomaly
  Length of anomaly along flight line
- ☐ Airborne Electromagnetometer Anomaly.
  Location of anomaly along flight line
- ☐ Airborne Electromagnetometer Anomaly
  Conductor Axis: definite, probable, possible
- ☐ ARA — Airborne Radiometric Anomaly
- ☐ M — Ground Magnetometer Anomaly
- ☐ VL — Ground Electromagnetometer Anomaly
  (VL - Vertical Loop; HL - Horizontal Loop;
  VLF - Very low freq; Turam; JEM -
  Crone EM-16; L - Long Wire)
- ☐ RA — Ground Radiometric Anomaly
- ☐ IP — Induced Polarization Anomaly
- ☐ SP — Self Potential Anomaly
- ☐ AFMAG — Audio-frequency magnetometer anomaly
  (total intensity)
- ☐ R — Resistivity Anomaly
- ☐ GR — Gravity Anomaly
- ☐

MISCELLANEOUS DATA

- ☐ Trenching, pit
- ☐ Adit
- ☐ Open pit
- ☐ Multiple trenches, pits
- ☐ Rock quarry
- ☐ Sand and/or gravel pit
- ☐

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.



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- ☐ (blank)

DRILL HOLES

- ☒ ●² — Location of single drill hole, with reference number
- ☒ ◉² — Location of closely spaced group of drill holes, with reference number
- ☐ (?)² — Drill hole, exact location uncertain, with reference number.
- ☐ — Property with underground drill holes in this general area, with reference number
- ☐ ○² — Property with drill holes which have not been plotted on map, with reference number
- ☐ ⊕² — Reverse Circulation Drill Hole; Churn drilling, with reference number
- ☐ (blank)